

*iNaturalist and  
Citizen Science  
images*



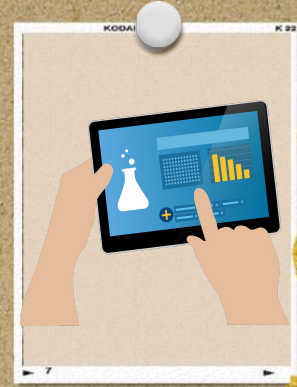
*Megan Carlton*





# *What is Citizen Science?*

Citizen science is the practice of public participation and collaboration in scientific research.

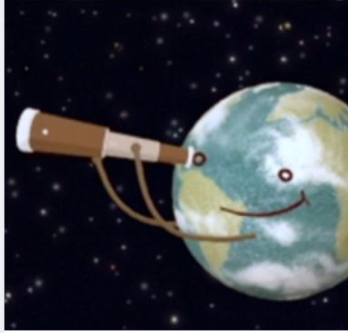




# Types of Projects



GALAXY ZOO



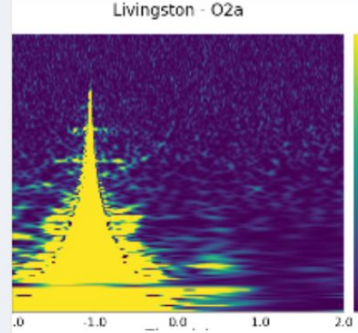
BACKYARD WORLDS: PLANET 9



PENGUIN WATCH



BASH THE BUG



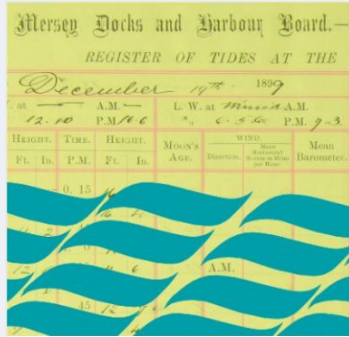
GRAVITY SPY



MEASURING THE ANZACS



NOTES FROM NATURE -  
CAPTURING CALIFORNIA'S  
FLOWERS



UK TIDES



BURSTS FROM SPACE

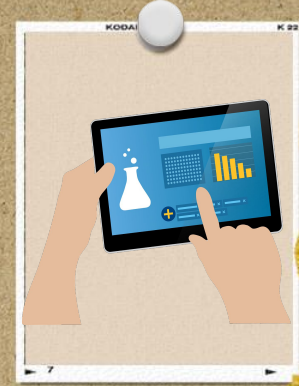


OLD WEATHER - WW2



# What is Citizen Science?

- ✗ anyone can participate,
- ✗ participants protocols to create high quality data,
- ✗ data can help real scientists come to real conclusions and
- ✗ a wide community of scientists and volunteers work together and share data, which is open to all.





# Why crowd-source biodiversity data?





# Why crowd-source biodiversity data?



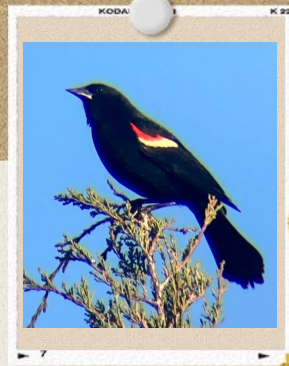


# Why crowd-source biodiversity data?





Enter  
Citizen Science...  
(via iNaturalist)





# Why crowd-source biodiversity data?

The World

41,982  
OBSERVATIONS

1  
SPECIES

4,164  
IDENTIFIERS

20,708  
OBSERVERS

Map

Grid

List

Places of Interest

Redo search in map

Redo search in map

United States

Gulf of California

Mexico

Gulf of Mexico

Cuba



Eastern Tiger Swallowtail

(*Papilio glaucus*)

149th Street & San... • Today

Research Grade

1

10m



Eastern Tiger Swallowtail

(*Papilio glaucus*)

Kingston • Today

Research Grade

1

19m



Eastern Tiger Swallowtail

(*Papilio glaucus*)

Oak Park, Sedgwick... • Apr 25, 2019

Research Grade

1

1h



Eastern Tiger Swallowtail

(*Papilio glaucus*)

Ulster County, NY,... • Jun 12, 2021

1h

Eastern Tiger Swallowtail



# *iNaturalist*

## What is it?

Crowdsourced species identification system and an organism occurrence recording tool.

<https://www.inaturalist.org/pages/what+is+it>

## iNaturalist goals:

Primary - connect people with nature.

Secondary - generate scientifically valuable biodiversity data.





What does this  
have to do with  
Image Resources?





Even in  
biodiversity  
research...

A picture is worth  
a thousand words!





## Credits and Resources

Special thanks to all the people who made and released these awesome resources for free:

- ✕ Presentation template by SlidesCarnival
- ✕ Photographs by Unsplash and Pixabay.

Learn more about resources here:

- ✕ [inaturalist.org](https://inaturalist.org)
- ✕ [zooniverse.org](https://zooniverse.org)
- ✕ [scistarter.org/squirrelmapper](https://scistarter.org/squirrelmapper)

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